

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-9 (Canceled).

Claim 10 (Currently Amended): [[The]] A method of forming an article comprising, contacting fibrous and/or granular substrates with a thermally polymerizable mixture, and polymerizing the thermally polymerizable mixture to form the article, wherein the method of using a thermally polymerizable mixture comprises consisting of a multifunctional macromonomer and a polymerization initiator, and wherein the multifunctional monomer comprises at least one free-radically polymerizable double bond comprising one or more free-radically polymerizable double bonds and a polymerization initiator as a binder for a fibrous or granular substrate.

Claim 11 (Currently Amended): The method of ~~using according to~~ claim 10, wherein ~~said thermally polymerizable mixture is used as a binder for the substrates are selected from the group consisting of glass fibers, natural fibers, manufactured fibers, rock wool, core sand, and combinations thereof~~ ~~glass fiber, rock wool, natural fiber, manufactured fiber and for core sand binding.~~

Claim 12 (Currently Amended): The method of ~~using according to~~ claim 10, wherein ~~said macro-monomers comprise the at least one free-radically polymerizable double bond is selected from the group consisting of an acrylate double bond, a methacrylate double bond, a maleate double bond, a vinyl ether double bond, a vinyl double bond, an allyl double bond, and combinations thereof and/or allyl groups as free-radically polymerizable groups.~~

Claim 13 (Currently Amended): The method of ~~using according to~~ claim 10,
~~wherefor wherein~~ the molar mass M_w of said multifunctional macromonomer is in the range
from 300 to 30,000.

Claim 14 (Currently Amended): The method of ~~using according to~~ claim 13,
~~wherefor wherein~~ the molar mass M_w of said multifunctional macromonomer is in the range
from 500 to 20,000.

Claim 15 (Currently Amended): The method of ~~using according to~~ claim 10,
~~wherefor wherein~~ said multifunctional macromonomer is ~~obtainable~~ obtained by a process
comprising [[by]] co-reacting [[.]]

- a) 0.5-2.0 equivalents of a 2- to 6-hydric alkoxylated alcohol with
- b) 0 to 1 equivalent of a 2- to 4-basic C_3 to C_{16} carboxylic acid and/or anhydride
and
- c) 0.1 to 1.5 equivalents of acrylic acid and/or methacrylic acid
- d) 0 to 1 equivalent of diol

to form a reaction product, and

and then reacting the thus obtainable reaction product with at least one epoxy
compound.

Claim 16 (Currently Amended): The method of ~~using according to~~ claim 15, wherein
wherefor said the process for forming the multifunctional macromonomer further comprises
is obtainable by subsequently after reacting the reaction product with at least one epoxy
compound, reacting the multifunctional-macromonomer the product of the reaction of an

~~epoxy compound with said reaction product with a polyisocyanate, optionally in the presence of a chain extender, in the presence or absence of a chain extender~~ to form a macromonomer comprising acrylate and polyurethane groups.

Claim 17 (Currently Amended): The method of ~~using according to~~ claim 10, wherein said polymerization initiator is at least one selected from the group consisting of peroxides, hydroperoxides, peroxydisulfates, percarbonates, peroxyesters, hydrogen peroxide and azo compounds.

Claim 18 (Currently Amended): The method of ~~using according to~~ claim 10, comprising 0.05% to 15% by weight solids of [[a]] the polymerization initiator.

Claim 19 (New): The method of claim 16, wherein the reacting the multifunctional-macromonomer with the polyisocyanate is conducted in the presence of the chain extender.